538

DART AEROSPACE LTD	Work Order:	24/31
		D3196-4
Description: Dart 13-Man Shoulder Harness Kit (205/212/214/412)	Part Number:	D412-702-014>
04.62.23	•	
Dwg: D3195 Rev. A; D3196 Rev. A; D3197 Rev. A)	Qty:	15 Kit(s)
Ref : D412-702 Rev.A page 9		Page 1 of 4

Step			Ву	Date	Qty
1	DC	Issue Traveler	 		Qty
		Note: D412-702-011 Kit consists of (2) D3195-041; (2) D3195-		00.0/21	ا بر ا
		043; (1) D3196-1; (1) D3196-3; (1) D3196-4; (2) D3197-041.	<i>(</i> /\	050831	112
2	DC	Photocopy bluefile and create labels per PPP D412-702-011	 		<u> </u>
		CHG001			İ
3	MV	Cut (2) blanks per (1) D412-702-011 Kit			<u> </u>
		Cut blanks: (0,75" x 2.00") x 3.60" long Bar			
		Material: 6061-76/T651 (QQ-A-200/8) or (QQ-A-225/8) or		1	
		(QQ-A-250/11)			
	1	(M6061T6B0.750x02.000)	i		
	-	Identify for D3195-1 Batch:	! ,		Ī
. 4	M∨	Cut (2) blanks per (1) D412-702-011 Kit			
		Cut blanks: (1.50" x 1.26") x 3.60" long Bar	1 <i>11</i>	h	
	}	Material: 6061-T6/T651 (QQ-A-200/8) or (QQ-A-225/8) or		4	į
		(QQ-A-250/11) \	\).	
		(M6061T6B1.500x01.250)	Y .'		
	100	Identify for D3195-3 Batch:		,	
5	MV	Cut blank: (0.75" x 1.50") x 26.200" long Bar			
		Material: 6061-T6/T651 (QQ-A-200/8) or (QQ-A-225/8)			
		(M6061T6B0.750x01.500)	İ		
	5.0) /	Identify for D3196-1 Batch:			ì
6	MV	Cut (2) blanks per (1) D412-702-011 Kit			-
	ł	Cut blanks: (0.75" x 1.50") x 34.750" long Bar			•
		Material: 6061-T6/T651 (QQ-A-200/8) or (QQ-A-225/8)			
		(M6061T6B0.750x01.500)			
		Identify (1) for D3196-3 M (8453)	_		
	24)	Identify (1) for D3196-4 Batch: M15031	20	050902	*
7.	MV	Cut (2) blanks per (1) D412-702-011 Kit			
		Cut blanks: 29.125" long Round Bar			
		Material: 7075-T73 (QQ-A-200/11) or (QQ-A-225/9) 1" OD			
		(M7075T73R1.000)		~	•
8	MV	Identify for D3197-1 Batch:			
0	IVIV	Machine D3195-1 as per Folio FA334 and Dwg D3195			
9	QC2	Identify as D3195-1			
9,	QC2	Inspect parts as they come off the CNC machine			
10	MV	Deburr and Tumble			
10	1010	Debut and Lumble	11		
11	QC8	Second check	1111	^	
' '	QCO	Second check	\		
12	MV	Machine D3105 2 on nor Felia FA324 ID D0105			
'	. [Machine D3195-3 as per Folio FA334 and Dwg D3195 Identify as D3195-3	1	1	ļ
13	QC2				
10	QUZ	Inspect parts as they come off the CNC machine		1	1
14	MV	Deburr and Tumble			
' -	IVIV	Deputi and (utilble			
15	QC8	Socond shook			
13	QCO	Second check			
	. <u>l</u> .		i i		

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Dart Aerospace Ltd

W/O:		WORK ORDER C	WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector	
							٠,٠	
					<u></u>			

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
		Description of NC		Corrective Action Section B		Verification	Approval Design Mgr	Annroyal	
DATE	STEP	Section A	Initial Design Mgr	Action Description Design Mgr	Sign & Date	Section C		Approval QC inspector	
	·			•					
		•							

Part No:	PAR #:	Fault Category:	NCR:	Yes No DQA:	Date: 05/0/26
NOTE: Date & initial all entries				QA: N/C Closed:	Date:

DART AEROSPACE LTD	Work Order:	24/31
		D3196-4
Description: Dart 13-Man Shoulder Harness Kit (205/212/214/412)	Part Number:	D412-702-011
04.02.2314		
Dwg: D3195 Rev. A; D3196 Rev. A; D3197 Rev. A)	Qty:	15 Kit(s)
Ref: D412-702 Rev.A page 9		Page 2 of 4

Step	Location	Procedure	1 5	T = 2	1 =
16	MV	Machine D3196-1 as per Folio FA339 and Dwg D3196	Ву	Date	Qty
		Identify as D3 196-1			
17	QC2	Inspect parts as they come off the CNC machine			<u> </u>
18	MV	Deburr			
19	QC8	Second check			
20	MV	Machine D3196-3 as per Folio FA339 and Dwg D3196 Identify as D3196-3			
21	QC2	Inspect parts as they come off the CNC machine	W		
22	MV	Deburr			
23	QC8	Second check		,	
24	MV	Machine D3196-4 as per Folio FA339 and Dwg D3196 Identify as D3196-4	5 %	04 09 11	15
25	QC2	Inspect parts as they come off the CNC machine		04.09.11	
26	MV	Deburr		od,09,11	15
27	QC8	Second check		os,09,1	15
28	MV	Machine D3197-1 as per Folio FA340 and Dwg D3197 Note: Need to be faced to size	B G-	05.09.12	15
29	QC2	Identify as D3197-1	1	11 /	
		Inspect parts as they come off the CNC machine	X	1149	
30	MV	Deburr			
31	QC8	Second check			
32	FP	Chemical Conversion Coat as per QSI 005 4.1 D3195-1/-3, D319671/-3, 4) D3197-1	FC	05/09/20	15
33	FP	Powder Coat Grey Sandtex (Ref: 4.3.5.6) as per QSI 005 4.3 D3195-1/-3; D3196-1/-3/(4) D3197-1	FC	05/04/20	/(
34	QC3	Inspect work to Step 33.	W	05 8921	り
35	GA	Cut (2) blanks per (1) D412-702-011 Kit	///	WULLI	10
	神本	Cut blanks: (1.986" x 0.500") x 0.125" thick as per Dwg D3195		•	
İ	34.04.05	Material: D3195 Rubber 2\sco"	.	Δ .	
		Punch holes as per Dwg Identify as D3195-5 Batch:	$ \mathcal{N} $	M	
36	GA	Cut (2) blanks per (1) D412-702-011 Kit	• •		
	AFF	Cut blanks: (4.986" x 1.000") x 0.125" thick as per Dwg D3195]		
	04.04.05	Material: D3195 Rubber 2.500"			
		Punch holes as per Dwg			-
		Identify as D3195-7 Batch:		F ACENY	

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Dart Aerospace Ltd

W/O:			WC	ORK ORDER CHANGES)				
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector
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NCR:			WORK ORDI	ER NON-CONFORMAN	CE (NCR	<u>(</u>)			
		Description of NC		Corrective Action Section B		Verificat	tion	Approval	Approval
DATE	STEP	Section A	Initial Design Mgr	Action Description Design Mgr	Sign & Date	Section		Design Mgr	QC Inspector
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i									
					-				
						ļ			
Part No) <u>.</u>	PAR #:	Fault Categor	y: NCR:	Yes No	DQA:		Date:	*
		al all entries			QA: N/C CI			Date:	*

DART AEROSPACE LTD	Work Order:	24/31
		D3196-4
Description: Dart 13-Man Shoulder Harness Kit (205/212/214/412)	Part Number:	D412-702-011
64.02.23		
Dwg: D3195 Rev. A; D3196 Rev. A; D3197 Rev. A)	Qty:	15 Kit(s)
Ref : D412-702 Rev.A page 9		Page 3 of 4

Step	Location	Procedure	B.	D-4-	704.
37	GA	Bond D3195-5 into D3195-1 as per Dwg D3195	Ву	Date	Qty
1		Pick:			
		Qty Description Batch			
		A/R Contact Cement			
	Ì	Identify as D3195-041			
38	GA	Bond D3195-7 into D3195-3 as per Dwg D3195			
	7	Pick:		İ	ĺ
•	, and	Qty <u>Description</u> <u>Batch</u>			ļ
•		A/R Contact Cement			
-		Identify as D3195-048			
39	QC5	Inspect work to Step 38			
40	GA	Assemble (2) D3197-04 as per Dwg D3197. (Note: D3197-1 is			
		on BOM as material from Step 7)			
		Pick:			
		Qty Part Number Description Batch			
		4 D2690-5 Lanyard			
i		2 D3197-1 Bar \			
		4 D3242-1 Tag \			
		12 AN960JD10 Washer			
		4 DARS-004 Pip Pin			
		4 MS21042L3 Nut (or √3)			l
		4 MS27039-1-24 Bott 5 Red # 20129	,1	_	
· · · · · · · · · · · · · · · · · · ·		Identify as D3197-041	$\parallel \parallel \parallel \parallel$	//\	
41	QC5	Inspect work to Step 40	Π	H	
40	I/D		$\perp \downarrow \downarrow$	110	1
42	KP	Pick: Packing Kit (Note: D3195-041/-043, D3196-1/-3/-4 are on	JY		i
		BOM as material from Steps 3-6, 35-36)			
	<u> </u>	Qty Part Number Description Batch			
		2 D3195-041 Bracket			
	}	2 D3195-043 Bracket			
		1 D3196-1 Bar	İ		
		1 D3196-3 Bar			
		1 D3196-4 Bar			
		<u></u>			
			ĺ		
		1			
ļ		4 D3215-043 Harness Assembly AN4-5A Bolt			
	į	4 AN4-13A Bolt			
]	,	8 AN4-20A Bolt	-	-	
Ì		20 AN960JD416 Washer			
		12 MS21042L4 Nut (or –4)	l		
		8 MS24694-S152 Screw		ĺ	
Ì	# H 04.02.6	2 D3268-1 Placard			
43	QC4	Inspect Kit 100% for Completeness on the W/O			
44	PK	Identify and pack for shipping as per PPP D412-702-011	1.		
		i Dtutark D3196-4	20	05/13/05	15
				1 1	

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Dart A	erospace	e Ltd						
W/O:			W	ORK ORDER CHANGES		·		
DATE	STEP	PROCEDURE CHANGE			Ву	Date Qty	Approval Mfg / Design Mgr	Approval QC Inspector
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NCR:			WORK ORE	DER NON-CONFORMANC	E (NCR))		
		Description of NC		Corrective Action Section B		Verification	Approval	Approval
DATE	STEP	Section A Initial	Initial Design Mgr	Action Description Design Mgr	Sign & Date	Section C	Approval Design Mgr	Approval QC Inspector
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NCK:										
		Description of NC		Corrective Action Section B		Verification	Annroval	Approval		
DATE	STEP	STEP	STEP	Section A	Initial Design Mgr	Action Description Design Mgr	Sign & Date	Section C	Approval Design Mgr	Approval QC Inspector
		·								
	-									
	1									

Part No:	PAR #:	Fault Category:	NCR:	Yes	No	DQA:	Date:	
NOTE: Date & initial all entries				QA: N	I/C CI	osed:	Date:	

DART AEROSPACE LTD	Work Order:	24/31
		D31964
Description: Dart 13-Man Shoulder Harness Kit (205/212/214/412)	Part Number:	
04.02.234		
Dwg: D3195 Rev. A; D3196 Rev. A; D3197 Rev. A1	Qtv:	/5 Kit(s)
Ref: D412-702 Rev.A page 9		Page 4 of 4

Step	Location	Procedure	By	Date	Qtv
45	AC			Duto	Qty
		Cost / part 2 9, 3 6	\$ 000	05-10-26	15
46	DC	Close W/O z 9. 13		3- /-	1 3
		Inspect Level 21	₩ 2	05/20/26	12

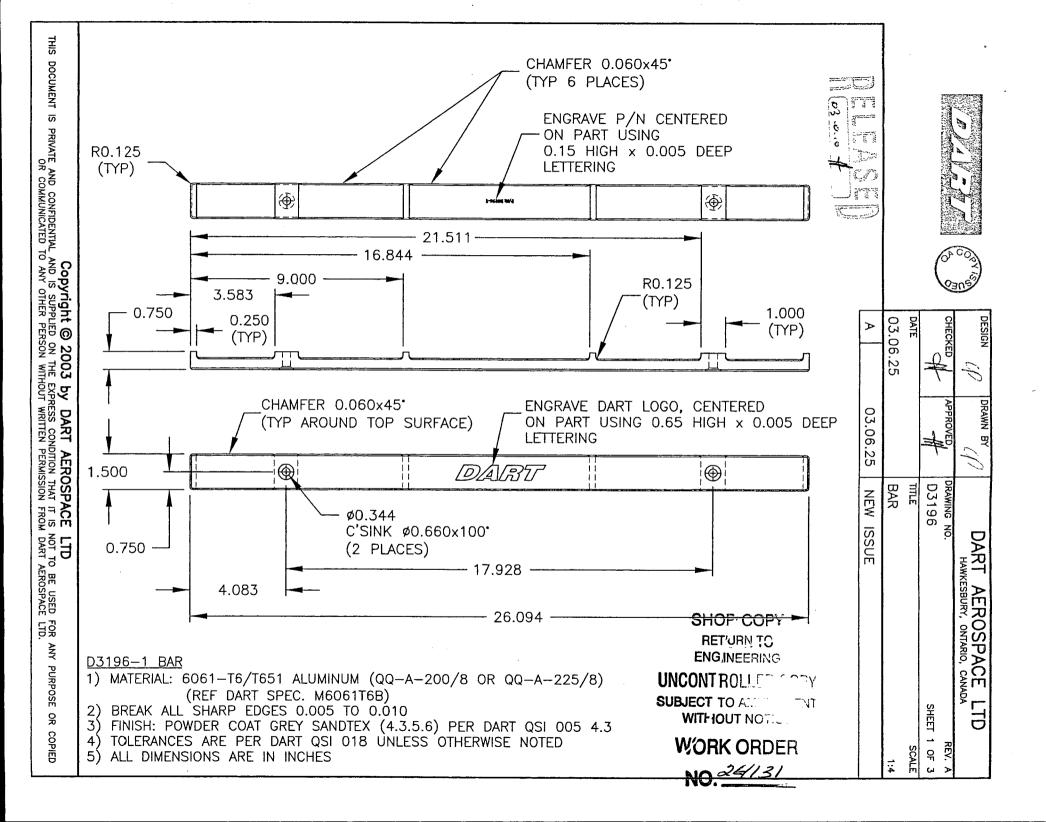
Rev	Date	Change	Revised By	Approved
A	03.10.17	New issue	KJ/RF	

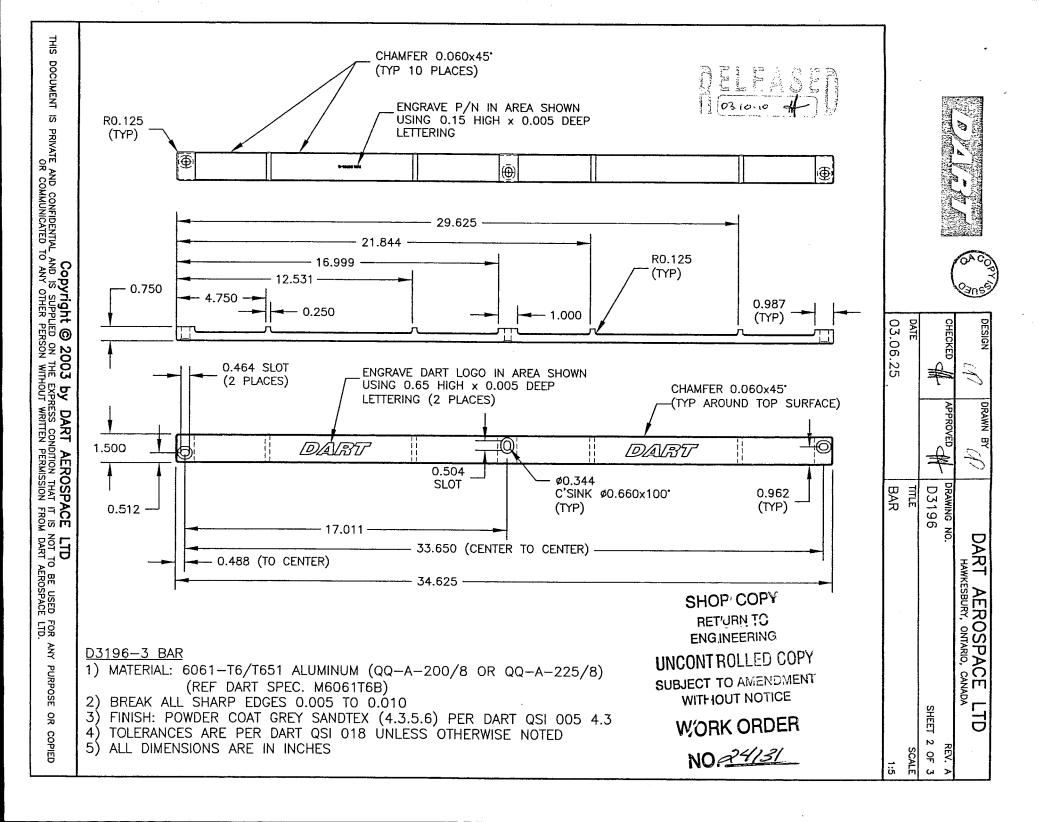
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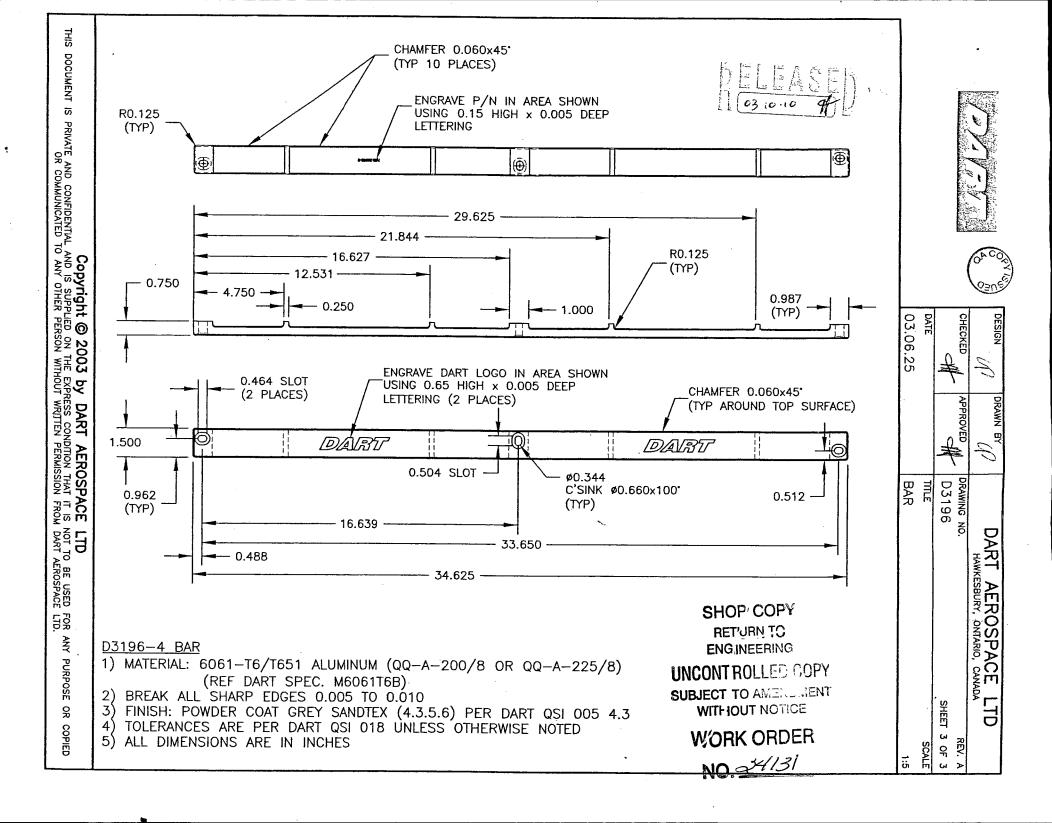
Dart Aerospace Ltd

DATE STEP	PR	OCEDURE CHAN	GE	Ву	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector
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							*************************************	_
NCR:	,	WORK ORDE	R NON-CONFORMAN	CE (NCR	()			
DATE STED D	escription of NC		Corrective Action Section B		Verifica	tion	Approval Design Mgr QC Inspe	Approval
DATE STEP	Section A	Initial Design Mgr	Action Description Design Mgr	Sign & Date	Section			QC Inspector
Part No:	PAR #·	Fault Category	NCR:	Ves No	DOA:		Data	
NOTE: Date & initial all entries		_ i auit category.		2A: N/C CI				

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DART AEROSPACE LTD	Work Order:	24131
Description: Bar	Part Number:	D3196-4
Inspection Dwg: D3196 Rev: A		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

Х	First Article		Prototype
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Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
34.625	+/-0.010	34,625	/		100	
33.650	+/-0.010	33.650	/		Cape	V 5
16.639	+/-0.010	16.640	/		Tape	
0.488	+/-0.010	. 492	/			
0.962	+/-0.005	. 957				
0.464	+/-0.010	.464	1			
0.504	+/-0.010	, 504	ノ			
Ø0.344	+0.005/-0.000	0.346	/			
Ø0.660 x 100°	+/-0.010	.655x 100°				
0.512	+/-0.005	.516	/			
0.060 x 45°	+/-0.010	-060 X450				78.
4.750	+/-0.010	7,755	/			
12.531	+/-0.010	12.530)		3 602	
16.627	+/-0.010	16.625			Jane	
21.844	+/-0.010	21.440	/		Tarse	
29.625	+/-0.010	29.625	/			
0.250	+/-0.010	· 250	1			
1.000	+/-0.010	100.1	/			
R0.125	+/-0.010	125	/			
0.987	+/-0.010	244	1			
		V	,			

Measured by: SN	Audited by:	Prototype Approval:	N/A
Date: OS.OR. N	Date: 65.09.11	Date:	N/A

F	Rev	Date	Change		Revised by	Approved
	Α	04.04.20	New Issue	(P/O D412-702-011)	KJ/RF	
•						

Job Costing Report

Dart Aerospace Ltd. Hawkesbury

Aug 30, 2005 07:42 am

Work Order No : 0024131 : D3196-4 Project Name

Project For : WK538

Work Order Type : Main

Main WO Number

House Part Number: D3196-4

Description : Bar

Manufactured : Yes

15 Amount Req'd:

Amount Done : 0 Start Date

: 08-29-05 Est Finish Date : 09-21-05

Act Finish Date Drawings Reqd : No

Ok for Approval :

Approval Rec'd :

Department Code:

Burden Flags : NNNNNN

WO Status : Open

Invoice State : Not Invoiced

Invoice Date

Invoice Number :

0.00 Invoice Amount :

Order Entry No :

OE Value : 0.00

Est Mark Up : 0.000% Actual Mark Up : 0.000%

\$0 Posted to Finished Goods

		Estimated	Actual	Var. %	Posted	To Post
, =============	==:	=========	===========	=======	==========	=======================================
Material Cost	:	0.00	0.00	0.00	0.00	0.00
Engineering Hours	:	0.00	0.00	0.00		
Engineering Cost	:	0.00	0.00	0.00	0.00	0.00
Production Hours	:	0.00	0.00	0.00		
Production Cost	:	0.00	0.00	0.00	0.00	0.00
Packaging Hours	:	0.00	0.00	0.00	n Care	
Packaging Cost	:	0.00	0.00	0.00	0.00	0.00
OverHead Hours	:	0.00	0.00	0.00		
OverHead Cost	:	0.00	0.00	0.00	0.00	0.00
CNC Hours	:	0.00	0.00	0.00		
CNC	:	0.00	0.00	0.00	0.00	0.00
Misc. Hours	:	0.00	0.00	0.00		
Misc.	:	0.00	0.00	0.00	0.00	0.00
		========	========	======		
Burden	:	0.00	0.00	0.00		
			========	======		
Total Cost	•	0.00	0.00	0.00		
Mark up	:	0.000	. 0.000			
Selling Cost	:	0.00	0.00			

Estimated Actual Labour Hrs/Amount Done : 0.00 0.00 Profits/(Loss) 0.00 0.00